BenQ DC E53 Digital Camera
User's Manual

Welcome

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Taking care of your camera

- Do not use your camera in the following environmental range: temperature below 0°C or above 40°C.
- Do not use or store your camera in the environments listed below:
  - Direct sunlight
  - High and dusty places
  - Next to an air conditioner, electric heater or other heat sources
  - In a closed car that is in direct sunlight
  - Unstable locations
- If your camera becomes wet, wipe it with a dry cloth as soon as possible.
- Salt or seawater may cause severe camera damage.
- Do not use organic solvents such as alcohol, etc., to clean your camera.
- If the lens is dirty, use a lens brush or soft cloth to clean the lens. Do not touch the lens with your fingers.
- To prevent electric shock, do not attempt to disassemble or repair your camera by yourself.
- Water may cause a fire or electric shock. Therefore, store your camera in a dry place.
- Do not use your camera outdoors when it is raining or snowing.
- Do not use your camera in or near water.
- If a foreign substance or water gets in your camera, please turn the power off immediately and disconnect the batteries and the power adapter. Remove the foreign substance or water, and send it to the maintenance center.
- Transfer the data to the computer as soon as possible to avoid losing your images and/or video clips.

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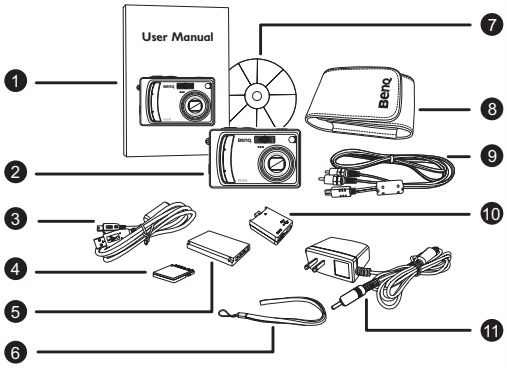
1 TOURING YOUR DC E53

1.1 Checking the Package Contents

The package includes the following items:



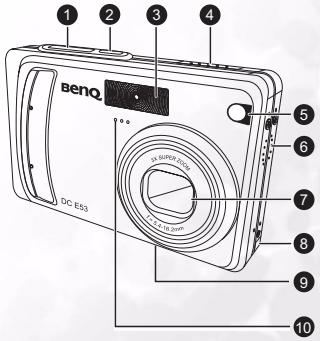
1. User manual
2. DC E53 digital camera
3. USB cable
4. SD card
5. Battery
6. Hand strap
7. DC E53 software CD-ROM
8. Camera pouch
9. AV cable
10. Conversion adapter
11. AC adapter

If any of the items are missing or appear to be damaged, contact your dealer. Save the packaging in the event you need to ship your camera for service.

1.2 DC E53 Components

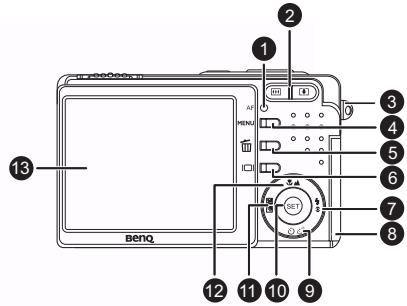
1.2.1 Front View

1. Shutter button
2. Power button
3. Built-in flash
4. Mode switch
   - – Playback
   - – Movie
   - – Still picture
5. Self-timer LED
6. Speaker
7. Lens/Lens cover
8. Conversion adapter terminal
9. Tripod socket
10. Microphone



1.2.2 Rear View

1. Status LED
2. Zoom out/Zoom in buttons
3. Strap holder
4. Menu button
5. Erase button
6. Display button
7. Flash/Right navigation button
8. Battery/SD card compartment
9. Self-timer/Down navigation button
10. Set button
11. EV compensation/Backlight/Left navigation button
12. Focus/Up navigation button
13. LCD panel



1.2.3 Status LED Indicator

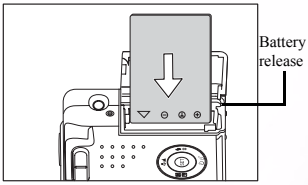
Color	State	During Power Off	During Photography	Connected to a PC
Green	On	The completion of battery charge	AE or AF is locked with the shutter button held halfway down	—
	Flashing	Battery charging in progress	—	—
Red	On	Battery charging error	Writing to SD card in progress	Connected to a PC (SD card is inserted)
	Flashing	—	Image not in focus	—
Orange	On	—	Flash is charging	—
	Flashing	—	Hardware malfunction	SD card is not inserted

2 PREPARING YOUR DC E53 FOR USE

2.1 Inserting the Battery

1. Turn the camera off.
2. Slide open the battery/SD card cover on the side of the camera.
3. Insert the battery in the direction of the arrow with the correct polarity into the battery compartment.
4. Close the battery/SD card cover.

To remove the battery, open the battery compartment and press the orange battery release switch. The battery pops out.



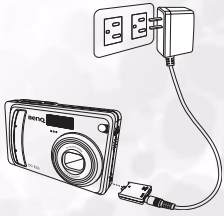
Notes

- Use only the specified battery type.
- If you are not going to use the battery for an extended period of time, remove it from the camera to prevent leakage or corrosion.
- Avoid using the battery in extremely cold environments as low temperatures can shorten the battery life and reduce camera performance.

2.2 Charging the Battery

A brand new battery or one that has not been used for an extended period of time might affect the number of pictures that can be taken. Therefore, to maximize its performance and lifetime, we recommend that you fully charge the battery and discharge it for at least one complete cycle before use. Using the optional AC power adapter charges the battery. Make sure that the camera's power is off and then insert the battery before starting.

1. Insert the conversion adapter into the conversion adapter terminal of the camera as shown in the illustration.
2. Insert one end of the AC power adapter into the DC IN terminal of the conversion adapter.
3. Insert the other end of the AC adapter into a wall outlet. The status LED flashes green when charging starts and lights green when fully charged. It lights red when a charging error occurs.

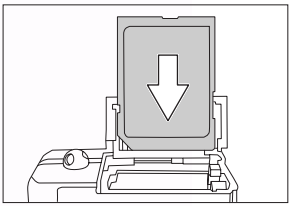


It is recommended to fully discharge the battery before charging. Charging time varies according to the ambient temperature and the battery status. If you want to use the camera when the battery charging is in progress, use the camera with the AC power adapter connected.

2.3 Loading an SD Card

All images and video clips taken by the camera are stored in an SD (Secure Digital) Card. You cannot take pictures or record movies if an SD card is not inserted.

1. Make sure the camera is off and then open the battery/SD card cover.
2. Insert an SD Card:
   If you cannot insert the card, check the orientation.
3. Close the battery/SD card cover.



To remove the SD card, make sure the camera is off. Open the battery/SD card cover. Press lightly on the edge of the memory card and it will eject. Format your SD card before use. Refer to 3.6.4.2 “Format” on page 20.

2.4 Turning the Power On/Off

Insert the battery and an SD card before starting.

- **Turning the power on**

  Press the POWER button for two seconds to turn the power on.

  The status LED lights green and the camera is initialized.

- **Turning the power off**

  Press the POWER button to turn the power off.

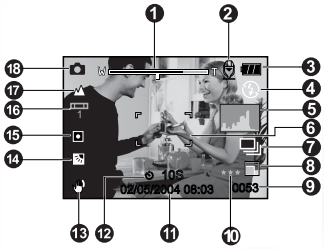
  The power turns off automatically when the camera has not been used for a specified period of time. To resume operation, press the power button again. Refer to 3.6.4.5 “Auto Off” on page 20 for further details. After the power is turned on, it may take several seconds to charge the flash.

3.1 LCD Monitor Icons

This section describes the icons on the LCD monitor in each operating mode.

3.1.1 Photography Mode

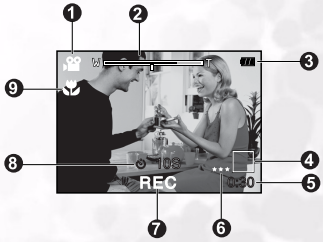
1. Zoom status
2. Voice memo
3. Remaining battery status
   Full / Medium / Low / Empty
4. Flash
5. Histogram
6. Focus area
   (appears when the shutter button is pressed halfway.)
7. Capture mode
8. Image size
9. Possible number of shots
10. Quality
11. Date and time
12. Self-timer
13. Unsteady hold warning



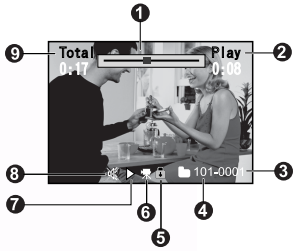
14. Exposure compensation
    Backlight correction
15. Metering
16. White balance
17. Focus
18. Still image mode

3.1.2 Video Mode

1. Movie mode
2. Zoom status
3. Remaining battery status
4. Image size
5. Possible recording time / elapsed time
6. Quality
7. Recording indicator
8. Self-timer
9. Focus

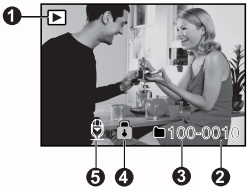


3.1.3 Video Playback Mode



1. Video status bar
2. Elapsed time
3. File number
4. Folder number
5. Protect
6. Mode
7. Play mode
8. Sound off (When the ▲ button is pressed during video playback.)
9. Total time

3.1.4 Still Image Playback Mode



1. Mode
2. File number
3. Folder number
4. Protect
5. Voice memo

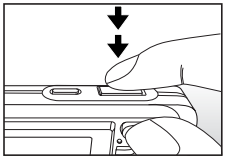
3.1.5 LCD Monitor Display

Press the **LCD** button to select the display format. In Still Image or Movie mode, preview image with full OSD information is displayed. Press it repeatedly to switch between full OSD, OSD with histogram display, basic display with no OSD information or LCD switched off. In movie mode, the LCD status cannot be changed.

3.1.6 Setting the Operation Mode

Use the mode switch to set the camera to take still images or movies, or review pictures or movies.

3.2 Capturing Pictures



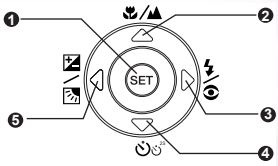
Follow these steps to take pictures:

1. Frame the shot in the LCD panel.
2. Press the shutter button down halfway to focus and adjust the exposure.
3. Hold the camera still and press the shutter button.

The focus area frame turns blue and the viewfinder LED lights green when the camera is in focus and the exposure is calculated. If the focus or exposure is not suitable, the frame of the focus area turns yellow and the viewfinder LED flashes red.

If the photographic preview is set to "ON" (3.6.2.5 "Preview" on page 18), a preview of the captured image will be displayed while the image is being recorded onto the SD card.

3.2.1 Changing Camera Settings



Camera settings can be changed with the five-way button.

1. **SET**: Enters the menu page and confirms the chosen setting.
2. **Up/Focus**: Scrolls upwards in menus and enables you to choose the appropriate focus (macro) setting.
3. **Right/Flash**: Scrolls right and enables you to choose the appropriate flash setting.
4. **Down/Self-timer**: Scrolls downwards, toggles the self-timer on and off, and selects the desired self-timer mode.
5. **Left/Exposure Compensation/Backlight Correction**: Scrolls left, toggles the exposure on and off, and toggles the backlight correction on and off.

3.2.1.1 Changing the Focus

Photographs can be taken with the distance to the subject set by auto focus, macro, or infinity. The settings will be maintained even when the power is turned off or when Auto OFF is activated.

1. Slide the mode switch to or .
2. Toggle the / button to select the desired focus mode.

Each press of the button selects a macro or landscape mode and displays it on the screen.

3.2.1.2 Changing the Flash

Use the flash for taking photographs when there is insufficient light. The flash firing mode can be set to suit the photographic conditions.

1. Slide the mode switch to .
2. Toggle the / button to select the desired flash mode.

Each press of the button selects a flash mode and displays it on the screen.

Icon	Flash mode	Description
Blank	Auto	The flash fires automatically to suit the photographic conditions.
	Red-eye reduction	Reduces the red-eye phenomenon when you want to take natural looking photographs of people and animals in low-light conditions.
	Forced flash	The flash always fires.
	Suppressed flash	The flash does not fire.
	Night scene	Use this mode when taking pictures of people in the dark or at night. When the Night Scene is selected, the flash mode is fixed to Slow Synchronization. (the flash is fired at a slower shutter speed.)

3.2.1.3 Changing the Exposure Value/backlight Correction

Photographs can be taken with the overall screen intentionally made brighter or darker. Exposure can be set in steps of 0.3 EV units and the setting range of the exposure compensation is: -2.0 to +2.0. The larger the value, the brighter the image.

1. Slide the mode switch to and press the / button to toggle between Backlight Correction and Exposure Compensation.
2. Increase or decrease the exposure value with the ▲ / ▼ buttons.

3.2.1.4 Setting the Self-Timer

This setting enables photographs to be taken with the self-timer (10 sec., 2 sec., 10+2 sec.)

1. Slide the mode switch to or .
2. Toggle the button to select the setting.
   Each press of the button selects one of the self-timer options and displays it on the screen.
3. Compose the picture, press the shutter button down halfway, then press it down fully. The self-timer LED flashes and the photograph is taken after the preset time has elapsed. The countdown is displayed on the LCD monitor. To cancel the self-timer at any time before the photograph is taken, press the **SET** button.

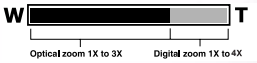
3.2.1.5 Using the Zoom

The camera features both digital and optical zoom.

- **Using the Optical Zoom**
  Zoom photography allows you to take zoom photographs up to 3 times the size of wide-angle photography depending on the distance up to the subject. You can also enlarge the center of the screen and take photographs in the digital zoom mode.

1. Slide the mode switch to or and press to turn on the LCD monitor.
2. Compose the picture with the zoom button.
   – Pressing the button zooms in on the subject and enlarges the subject on the LCD monitor.
   – Pressing the button provides a wider angle picture. The lens position moves according to the zoom button setting.
3. Press the shutter button down halfway, then press it down fully to take the picture.

- **Using the Digital Zoom**
  Using a combination of 3 times optical zoom and 4 times digital zoom permits zoom photography of up to 12 times to suit the subject and the distance. Refer to 3.6.2.4 “Digital Zoom” on page 18 to enable the digital zoom. Once enabled, press repeatedly until the zoom slider moves into the red portion of the zoom bar.



3.2.1.6 Recording Voice Memos

A voice memo can be recorded for up to 30 seconds in still image mode immediately after a still image is captured or in playback mode while viewing the picture. To see how to enable recording of voice memos, see 3.6.2.2 “Voice Memo” on page 18.

1. Slide the mode switch to .
2. Compose the picture and press the shutter button.
   - **VOICE RECORDING** is displayed on the screen and the voice memo recording starts.
3. Press the shutter button one more time to stop recording at any time within the 30 second interval.
   - **VOICE RECORD END** will be displayed and the recording will end. The icon is displayed for those images that have been recorded with a voice memo.

3.3 Recording Movies

This mode enables you to record video clips at a resolution of 320 x 240 or 640 x 480 pixels. Voice can also be recorded along with the video.

1. Slide the mode switch to .
2. Compose the picture and adjust the zoom with the zoom button.
   - Optical zoom and digital zoom can be set while composing.
3. Press the shutter button to start recording. Press the shutter button a second time to stop the recording of the video clip.

Notes

- In movie mode, the LCD monitor cannot be turned off.
- When recording a video clip, flash photography is not possible.
- Digital zoom is not available while composing the image at a resolution of 640 x 480 pixels.

3.4 Deleting Files

You can delete images and video clips using the quick delete function in record mode or the menu in playback mode.

3.4.1 Erasing in Photography Mode (Quick Erase)

The Quick delete function enables you to erase the last image in still image or movie mode.

1. Slide the mode switch to or .
2. Press the button. The last image and quick delete menu appear on the screen.
3. Press the **SET** button to erase the image.

3.4.2 Erasing in Playback Mode

To erase a single image, selected images, or all images:

1. Slide the mode switch to . The last image is displayed on the screen.
2. Select the image you want to erase with the ▲ / ▼ buttons.
3. Press the button. The deletion menu is displayed.
4. Select one of the following options with the ▲ / ▼ buttons and press the **SET** button.
   - **Single**: Erases the selected image or the last image.
   - **All**: Erases all of the images on the SD card except for the protected images.
   - **Select**: Erases a number of selected images.
5. Press the **SET** button to delete the selected images.

If you chose the **Select** option, all the images are displayed in the thumbnail display. Select the image you want to erase with the ▲ / ▼ / ◀ / ▶ buttons, and press the button. The icon is displayed. Press the erase button a second time to cancel the operation. Repeat this procedure and select all the images that you want to erase.

3.5 Using Playback Mode

3.5.1 Reviewing Still Images

You can view still images on the LCD monitor in the playback mode.

1. Slide the mode switch to ▶. The last image appears on the screen.
2. Press the ▲ / ▼ buttons to scroll forward or backward through the images.
3. Press the LCD button to switch through complete OSD information on the screen, no OSD information, and image with histogram on the screen.
4. Pressing the ◀ / ▶ buttons during image playback will rotate the image by 90 degrees counter clockwise/clockwise respectively.

Notes

- The icon is displayed with the video data. Video clips cannot be rotated.
- The icon is displayed with images which have an audio memo recorded. Press the **SET** button to playback the voice memo data.
- The information display status cannot be changed for video clips.

3.5.2 Playing Back Video Clips

You can play back video clips and voice recorded on the camera.

1. Slide the mode switch to ▶. The last image appears on the screen.
2. Press the ▲ / ▼ buttons to select the desired video clip indicated by the movie icon.
3. Press the **SET** button to start playing the video clip.
4. Press the ◀ / ▶ buttons during playback to rewind or fast forward the movie clip.
5. Press the ▼ button to stop playback and return to the start of the video clip.
6. Press the **SET** button to pause video playback. Press the **SET** button again to restart playback.

3.5.3 Attaching Voice Memos

A maximum of 30 seconds of audio can be recorded along with still images. The voice memo can be recorded only once.

1. Slide the mode switch to ▶. The last image appears on the screen.
2. Select the image to which you want to attach the voice memo.
3. Press the shutter button. **VOICE RECORDING** is displayed on the screen and recording starts.
4. Press the shutter button to stop recording voice memo at any time.

The icon is displayed for those images that have been recorded with a voice memo.

Playing Back Voice Memos

Press the **SET** button to display VOICE PLAYBACK and play back the voice memo. The voice memo function is only available in the still single image capture mode.

3.5.4 Viewing a Thumbnail Display

This function enables you to view nine thumbnail images on the LCD monitor at the same time, which helps you to quickly search for the image you want.

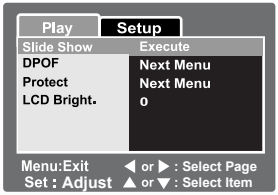
1. Slide the mode switch ▶ to display the last image on the screen.
2. Press the ▦ button to display the images in the thumbnail display.
3. Press the ▲ / ▼ / ◀ / ▶ buttons to scroll through the images. Selected images are indicated by a green frame.
4. Press the **SET** button to display an image at regular size.

3.5.5 Zoom Playback

In playback mode, images can be enlarged with 2 x and 4 x magnification. This mode allows you to enlarge selected portions of the image to check for small details.

1. Slide the mode switch to ▶. The last image appears on the screen.
2. Press the ▲ / ▼ buttons to select the image you want to view, or select the required image from the thumbnail display.
3. Press the 🔍 button to enlarge the image. The image is enlarged. Two rectangular frames are displayed on the LCD monitor. The outer frame represents the entire image, while the inner frame shows the location of the currently enlarged area.
4. Press the ▦ button to resume normal magnification.

3.5.6 Slideshow Display



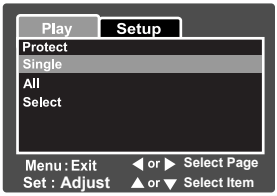
The slideshow function enables you to display your still images automatically in order one image at a time.

1. Slide the mode switch to ▶.
2. Press the **MENU** button.
3. Select Slide Show using the ▲ / ▼ buttons, and press the **SET** button to start the slideshow.
4. To stop the slide show at any time, press the **SET** button.

3.5.7 Protecting Images

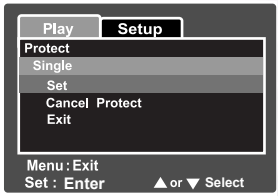
You can protect images from being deleted accidentally as follows:

1. Slide the mode switch to ▶. The last image will be displayed on the screen.
2. Select the image you want to protect with the ▲ / ▼ buttons.
3. Press the **MENU** button.
4. Select one of the following options with the ▲ / ▼ buttons, and press the **SET** button.
   - **Single**: Protects the selected image or the last image.
   - **All**: Protects all the images on the SD card.
   - **Select**: Protects the selected images.



5. If you selected **Single** or **All**, choose **Set** with the ▲ / ▼ buttons, and press the **SET** button. The required images are protected.
6. If you selected **Select**, all the images are displayed in the thumbnail display. Select the images you want to protect with the ▲ / ▼ / ◀ / ▶ buttons, and press the |▢| button.

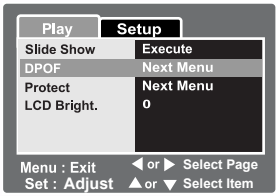
   The protect icon 🔒 is displayed with protected images. Selecting a protected image and pressing the |▢| button again cancels the protection. Repeat this procedure to select multiple images for protection.
7. Press the **SET** button to protect the selected images.



3.5.8 Setting DPOF

DPOF is the abbreviation for Digital Print Order Format, which allows you to embed printing information along with the digital images on the memory card. You can select the images to be printed and how many prints to make with the DPOF menu. Insert the memory card in the appropriate card compatible printer. When the printer starts printing, it reads the embedded information on the memory card and print the specified images.

1. Slide the mode switch to ▶.
2. Select the image that you want to set DPOF using the ▲ / ▼ buttons.
3. Press the **MENU** button.
4. Select **DPOF** with the ▲ / ▼ buttons, and press the **SET** button.
5. Choose **Single** or **All** with the ▲ / ▼ buttons, and press the **SET** button.
   Single: Sets DPOF for each individual image.
   All: Sets DPOF for all images at once.
6. Select **Print Num.** with the ▲ / ▼ buttons, and press the **SET** button.
7. Set the number of prints with the ▲ / ▼ buttons, and press the **SET** button. You can set up to 9 prints for each image.



8. Select **Date** with the ▲ / ▼ buttons, and press the **SET** button.
9. Select date to **ON** or **OFF** with the ▲ / ▼ buttons, and press the **SET** button.
   - **ON**: The date of the photograph will also be printed.
   - **OFF**: The date of the photograph will not be printed.
10. Select **Print Enable** with the ▲ / ▼ buttons, and press the **SET** button.
11. Select **Execute** with the ▲ / ▼ buttons, and press the **SET** button.
    This creates a file containing the DPOF information that is used while printing. When the operation is finished, the screen returns to the playback screen.

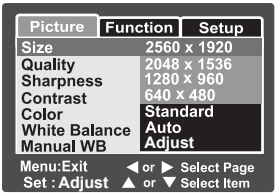
3.6 Setup Menus

This section covers the OSD menus which enable you to configure the camera settings.

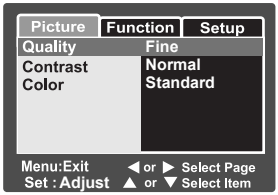
3.6.1 Picture Menu

The picture menu in video and still picture mode enables you to change image properties.

1. Slide the mode switch to or .
2. Press the **MENU** button, and select **Picture** with the ◀ / ▶ buttons.



Still picture mode



Video mode

3. Select a menu item with the ▲ / ▼ buttons and press the **SET** button to enter a submenu or to change a setting.
4. Select the desired setting with the ▲ / ▼ buttons and press the **SET** button.

To exit from the picture menu, press the **MENU** button.

3.6.1.1 Size

The size option sets the size of the image that will be photographed.

Icon	Size	Description
	2560 x 1920	2560 x 1920 pixels (5M)
	2048 x 1536	2048 x 1536 pixels (3M)
	1280 x 960	1280 x 960 pixels (1.2M)
	640 x 480	640 x 480 pixels (VGA)

3.6.1.2 Quality

The quality menu sets the quality (compression rate) at which the image is captured.

Icon	Quality	Description
★★★	Fine	High compression rate
★★	Standard	Normal
★	Economy	Low compression rate

3.6.1.3 Sharpness

The sharpness menu sets the sharpness of the image that will be photographed.

- **Hard**: High sharpness
- **Normal**: Normal softness
- **Soft**: Low sharpness

3.6.1.4 Contrast

The contrast menu sets the difference between the bright and dark portions of the image that will be photographed.

- **Hard**: Increases the contrast.
- **Normal**: Sets the contrast automatically.
- **Soft**: Decreases the contrast.

3.6.1.5 Color

The color menu sets the color of the image that will be photographed.

- **Standard**: Standard colors
- **Vivid**: Bright colors
- **Sepia**: Sepia tones
- **Monochrome**: Black-and-white image

3.6.1.6 White Balance

The white balance menu sets the white balance for photographing under a variety of lighting conditions. This permits photographs to be taken that closely approach the conditions that are seen by the human eye.

Icon	White Balance	Description
Blank	Auto	Automatic adjustment
	Incandescent	Photography under incandescent lighting
	Fluorescent 1	Photography under a white fluorescent tube with a bluish tint
	Fluorescent 2	Photography under a white fluorescent tube with a reddish tint
	Day Light	Outdoor photography
	Cloudy	Photography under a cloudy sky
	Manual	Photography with a Manual WB

3.6.1.7 Manual White Balance

This menu manually sets the white balance and saves the setting. Use of this is convenient when the white balance menu options do not offer a good match to the actual conditions. Before selecting **Execute**, focus the camera on the subject (such as a white paper under bright light) that will be used to set the white balance.

- **Cancel**: Disables manual white balance.
- **Execute**: Enables manual white balance.

3.6.1.8 ISO

This item sets the sensitivity for taking pictures. When the sensitivity is increased (and the ISO figure is increased), photography will become possible even in dark locations, but the image will appear more pixelated (grainy).

- **50**: High-sensitive photography equivalent to ISO50.
- **100**: High-sensitive photography equivalent to ISO100.
- **200**: High-sensitive photography equivalent to ISO200.
- **Auto**: Automatic setting in the range of ISO 50 to 200.

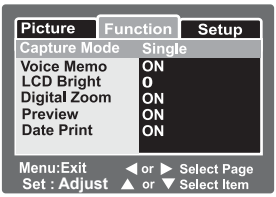
3.6.1.9 Metering

This option sets the metering method for calculating the exposure.

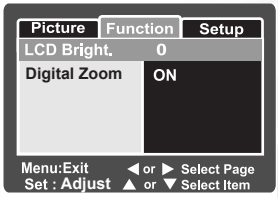
Icon	Metering	Description
Blank	Multi	The entire area of the screen is measured, and the exposure is calculated for optimum picture quality.
	Spot	A very small portion of the center of the screen is measured, and the exposure is calculated from the light in this area.

3.6.2 Function Menu

The function menu in video and still picture mode enables you to adjust camera settings.



Still picture mode



Video mode

3.6.2.1 Capture Mode

This menu sets the recording method for capturing still images.

Icon	Capture Mode	Description
Blank	Single	Takes one photograph at a time.
	Continuous	Enables continuous photography of 3 pictures in succession, at an interval of 0.5 seconds.
AEB	Auto Exposure	Records three still images in succession with three 3 levels of exposure – standard exposure (0), underexposure (-0.67EV) and overexposure (+0.67EV). This is effective when it is difficult to determine the correct exposure for continuous photography.

Note

In continuous photography, press and hold the shutter button until 3 images have been captured. If the shutter button is released earlier, the continuous photography will end at that point.

3.6.2.2 Voice Memo

A voice memo can be recorded for up to 30 seconds immediately following still single image photography. This feature is also available during playback mode. Refer to 3.2.1.6 "Recording Voice Memos" on page 9 and 3.5.3 "Attaching Voice Memos" on page 11 to learn how to record voice memos.

- **ON**: Enables voice memo.
- **OFF**: Disables voice memo.

3.6.2.3 LCD Brightness

This menu item enables you to adjust the brightness level for the LCD monitor. Increase or decrease the brightness using the ▲/▼ buttons. The adjustment range is from -5 to +5.

3.6.2.4 Digital Zoom

This option enables the digital zoom for capturing still images or movie clips.

- **ON**: Enables digital zoom.
- **OFF**: Disables digital zoom.

3.6.2.5 Preview

This option enables display of the photographed image on the screen immediately after the picture is taken.

- **ON**: Enables preview.
- **OFF**: Disables preview.

Notes

- A photographed image is displayed on the LCD monitor for 2 seconds. Pressing the shutter button during preview cancels the save operation.
- When preview is set to off, the voice memo setting is also set to off.

3.6.2.6 Date Print

The date of recording can be printed directly on the still images. This function must be activated before the image is taken.

- **ON**: Imprints the date on still images
- **OFF**: Does not imprint the date

3.6.3 Playback Menu

In the ▶ mode, the OSD menu enables you to configure playback settings.

3.6.3.1 Slide Show

This option automatically plays back still images sequentially. Refer to 3.5.6 “Slideshow Display” on page 12 for further details.

3.6.3.2 DPOF

This menu item lets you set the number of prints and date display in DPOF format for images that you want to print. (This function is available for still images only.) You can print images by inserting the SD card in a DPOF-compatible printer. Refer to 3.5.8 “Setting DPOF” on page 14 for further details.

3.6.3.3 Protect

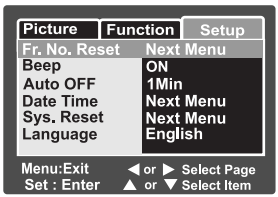
This menu item enables you to protect images to prevent them from being erased accidentally. Refer to 3.5.7 “Protecting Images” on page 13 for further details.

3.6.3.4 LCD Bright

This menu enables you to adjust the brightness of the LCD monitor. Refer to • “ON: Enables voice memo.” on page 18 in Still Image Menu for further details.

3.6.4 Setup Menu

The setup menu in still picture/video and playback mode enables you to change camera properties.



Still picture/video mode

Playback mode

3.6.4.1 Beep

This option enables the camera beep heard at startup and each time a camera button is pressed.

- **ON**: Enables the beep tone.
- **OFF**: Disables the beep tone.

3.6.4.2 Format

This function erases all images and reformats the SD card loaded in your camera. Protected images are also erased. The SD card cannot be formatted if it is write protected. Select this option and select **Execute** with the ▲ / ▼ buttons to format the SD card and press **SET**; otherwise, select **Cancel**.

Notes

- Format an SD card by this camera before using it.
- An SD card having any problem cannot be properly formatted.

3.6.4.3 Fr. No Reset

This menu creates a new folder, and the images and movie clips are recorded to the newly created folder from number 0001.

- **Cancel**: Cancels the operation.
- **Execute**: Resets the file numbers and creates a new folder.

3.6.4.4 Date/Time

This option sets the date and the time.

1. Select **Date/Time** with the ▲ / ▼ buttons and press the **SET** button. The Date/Time setting screen will be displayed.
2. Select the date or time field with the ◀ / ▶ buttons and adjust the value for the date and time with the ▲ / ▼ buttons. The date and time is set in the order: **year-month-day-hour-minute**. The time is displayed in 24-hour format.
3. Press the **SET** button.
   The setting is stored and the screen returns to the set-up menu.

3.6.4.5 Auto Off

If no operation is performed for a specific period of time, the camera is automatically turned off. This feature is useful to reduce battery wear.

- **1 Min.**: Turns the power off after 1 minute of inactivity
- **2 Min.**: Turns the power off after 2 minutes of inactivity
- **3 Min.**: Turns the power off after 3 minutes of inactivity

3.6.4.6 Sys. Reset

This returns all basic settings to the camera's default settings. The time setting is not reset.

- **Cancel**: Does not return to the default settings.
- **Execute**: Returns to the default settings.

3.6.4.7 Language

This option lets you specify the language for the menus and messages displayed on the screen. Select the desired language from the following options with the ▲ / ▼ buttons: English, French, German, Spanish, Italian, Chinese (Traditional), Chinese (Simplified). Press the **SET** button to confirm.

3.6.4.8 Card Info.

This option displays the capacity of the SD card along with the free space available on it.

3.6.4.9 System Info.

This option displays the firmware version of the camera.

3.6.4.10 Video Output

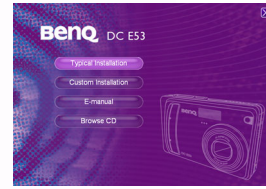
This sets the video output system of the camera to that of the video equipment to which you will connect the camera.

- **NTSC**: NTSC system
- **PAL**: PAL system

4 PC DEPENDENT FEATURES

To copy files to a PC, you will need to install the camera software and connect the camera to your PC.

4.1 Installing the Digital Camera Software

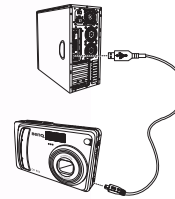


- If your operating system is Windows 98SE, you will need to first install the DC E53 driver.
- Insert the digital camera CD into the CD-ROM drive and the software installation menu appears automatically.
  If the menu does not appear, browse the CD for the "Autorun.exe" file and double-click it.
- Click the **Typical Installation** button to install the software and follow the on-screen instructions.

To browse the content of this CD and install other software manually, click the **Browse CD** button and install the software needed.

4.2 Transferring Files with your PC

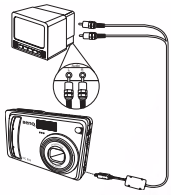
This section explains how to transfer images and movie files to your PC.



1. Turn on the PC.
2. Switch on the camera.
3. Connect the camera to the PC using the USB cable. Ensure that the connection is secure. Once the USB cable is connected to the PC, a hard disk is created in Windows Explorer labeled "Removable Disk." Stored images or movies can be found on the Removable Disk under the \DCIM\100DSCIM folder.
4. Copy, view, delete, and move images and movie files as you normally would.

4.3 Viewing Images on TV

1. Connect the camera to the TV with the AV cable as shown.
2. Turn on the TV.
3. Switch on the camera.
4. Switch your TV to video mode. Refer to your TV's user manual.
5. View images or movies as described in 3.5 "Using Playback Mode" on page 11.



5 SERVICE INFORMATION

Technical Support

If you encountered problems using DC E53 and the camera driver program, please visit the following web address:

http://support.BenQ.com

For free driver program updates, product information and news release, please visit the following web address:

http://www.BenQ.com